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prewar productivity of open-hearth furnaces, saved hundreds of tons of fuel oil, and by comparison with last year, has reduced the cost of a one-ton ingot by 138 rubles and the cost of a ton of shaped casting by 620 rubles. Aided by the Polytechnical Institute imeni Kalinin, the plant saved over one million rubles' worth of metal while competing with the Novo-Kramatorsk Plant and some Moscow plants.

By comparison with last year, the output of turbines and air blowers was doubled during the first half of 1950. The planned turnover of working capital was exceeded, while the cost of production was reduced 19.5 percent during 5 months of this year. The plant began to run at a profit.

An active plant party committee has come to the aid of innovators whose suggestions often went the long way through the design section to be "studied" and "ironed out." Since this procedure dampened the enthusiasm of the innovators, the committee obliged the chief designer to give assurances that innovators' suggestions would receive prompt consideration and translation into action. Now, the more important and valuable suggestions are taken up before the sessions of the plant technical council.

Various methods are employed in the dissemination of approved suggestions. Agitators play an active role; they include Stakhanovites, foremen, and engineers in their ranks. A lecture group, comprising the plant's most highly qualified engineers and scientists of the city, meets regularly. During the past year, 68 lectures on technical subjects were delivered.

Stakhanovites, foremen, and engineers make frequent excursions through other Leningrad plants to learn new technological methods. This year, 28 such excursions were made, while other enterprises visited the Kirov Plant imeni Lenin, to demonstrate their methods. In the turbine shop, for example, a machinist from the Metal Plant imeni Stalin recently gave instructions in high-speed cutting methods.

Display stands are widely used, illustrating foundry tools, precision-casting methods, cold-working methods, and other subjects. Movies on technical subjects are frequently shown at the plant. There is an extensive program of technical studies, including special foremen's courses. An affiliate of the evening tekhnikum has been started at the plant.

CUT SMELTING TIME, SAVE STEEL -- Moscow, Izvestiya, 19 Aug 50

The Leningrad Nevskiy Plant imeni Lenin has reduced the time for smelting a batch of metal in its electric furnaces 30 minutes below the norm, and has saved hundreds of tons of steel in excess of the plan.

BUILD MACHINES FROM SAVED MATERIALS -- Moscow, Izvestiya, 23 Aug 50

The Sverdlovsk Ural Turbomotor Plant has been producing in excess of the plan during the past 1½ months, while it is building every fifth aggregate from saved materials.

Hundreds of machinists are applying high-speed cutting methods. A special cutter and fitting designed and built at the plant have made it possible to machine disks on one machine tool, taking only 4 hours for the operation. Under the old method, this operation took 32 hours, and two machine tools had to be used.

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